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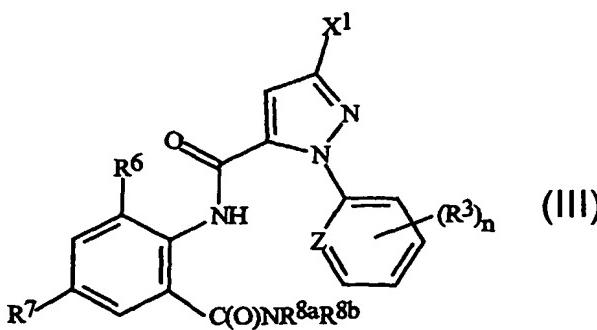
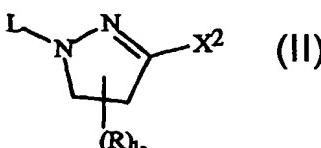
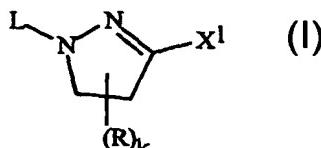
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(54) Title: METHOD FOR PREPARING 3-HALO-4,5-DIHYDRO-1*H*-PYRAZOLES



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(57) Abstract: This invention relates to a method for preparing 3-halo-4,5-dihydro-1*H*-pyrazole compound of Formula (I), comprising contacting with HX¹ a different 4,5-dihydro-1*H*-pyrazole compound of Formula (II), wherein X¹ is halogen and L, R, k and X² are as defined in the disclosure. This invention also discloses preparation of compounds of Formula (III) wherein X¹, R³, R⁶, R⁷, R⁸a, R⁸b, and n are as defined in the disclosure.

A. CLASSIFICATION OF SUBJECT MATTER  
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According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

CHEM ABS Data, EPO-Internal, WPI Data, BEILSTEIN Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	ELGUERO, JOSÉ; JACQUIER, ROBERT; MONDON, SYLVIANE: "Recherches dans la série des azoles. XXXVIII. - Réactivité des bromo-3 pyrazolines-2" BULLETIN DE LA SOCIÉTÉ CHIMIQUE DE FRANCE, vol. 5, 1969, pages 1683-1686, XP009022311 page 1683, left-hand column, paragraph 1 -page 1683, left-hand column, paragraph 3 ---	1-13
Y	US 3 577 471 A (MCNULTY JOHN G ET AL) 4 May 1971 (1971-05-04) column 4, line 14 -column 4, line 65; claim 1 ---	1-13
A	GB 1 410 191 A (MINNESOTA MINING & MFG) 15 October 1975 (1975-10-15) page 1, line 9 -page 1, line 23 ---	1-13 -/-

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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Date of the actual completion of the international search

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## INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 03/23820

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,P	WO 03 016283 A (SELBY THOMAS PAUL ; STEVENSON THOMAS MARTIN (US); DU PONT (US); FRE) 27 February 2003 (2003-02-27) page 27, line 5 -page 27, line 9; example 15 -----	1-13

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 02/43820

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 3577471	A	04-05-1971	NONE		
GB 1410191	A	15-10-1975	NONE		
WO 03016283	A	27-02-2003	WO 03016282 A2 WO 03015518 A1 WO 03016283 A1 WO 03015519 A1		27-02-2003 27-02-2003 27-02-2003 27-02-2003